

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S6	1	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((alkyl OR methyl OR ethyl OR propyl OR butyl) ADJ ester) AND ((sodium OR potassium) ADJ ethanoate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 07:38
S9	0	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND ((sodium OR potassium) ADJ ethanoate)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 07:39
S8	0	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((sodium OR potassium) ADJ ethanoate)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 07:39
S7	1	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND ((sodium OR potassium) ADJ ethanoate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 07:39
S12	13	S11 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 08:40
S14	1	S13 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 08:41
S17	1	S16 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) WITH seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 08:42
S15	1	S13 AND fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) WITH seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 08:42
S19	8	((("6174501") or ("5578090") or ("6211390") or ("6129773") or ("4695411") or ("4364743") or ("5525126") or ("6015440")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/21 08:45
S18	1	S16 AND fuel AND (sunflower OR colza OR soybean OR peanut OR castor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 08:45
S21	21	("4071567" "4128913" "4198530" "4267393" "4299997" "4584415" "4590294" "5004478" "5160506").PN. OR ("5578090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:17
S20	21	("4071567" "4128913" "4198530" "4267393" "4299997" "4584415" "4590294" "5004478" "5160506").PN. OR ("5578090").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:17
S24	0	S21 AND ethanoate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:18
S22	5	S21 AND transesterification	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:18
S25	0	S21 AND alkoxide	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:19
S27	1	transesterification AND ((sodium OR potassium) ADJ ethanoate) AND (oleaginous OR (vegetable ADJ oil))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:20
S30	10	transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND biodiesel	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:21
S26	1	transesterification AND ((sodium OR potassium) ADJ ethanoate) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:21
S31	16	("1423049" "2081176" "3039956" "4244829" "4364743" "4695411" "4920691").PN. OR ("5599358").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:25

S32	15	("3282662" "3288577" "4364743" "4695411" "5092908" "5094666" "5160506").PN. OR ("5520708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:27
S34	1	S32 AND alkoxide	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:31
S33	0	S32 AND ethanoate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:31
S23	0	S22 AND ethanoate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 08:31
S36	10	transesterification AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) AND hull	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 09:58
S29	56	transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 09:58
S37	15	("3282662" "3288577" "4364743" "4695411" "5092908" "5094666" "5160506").PN. OR ("5520708").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:05
S38	17	("4164506" "4695411" "4698186" "4792418" "4839287" "5219744" "5288619" "5424466" "5424467" "5480787" "5520708" "5525126" "5578090" "5599358" "5697986" "5713965" "6201144").PN. OR ("6887283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:24
S39	46	biodiesel NEAR5 (define OR defined OR definition OR describe OR described OR known)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:26
S35	1	transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil)) AND (biodiesel OR diesel OR fuel) AND hull	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 11:37
S40	1	(transesterification OR alcoholysis) AND (alkoxide) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel OR diesel OR fuel) AND hull AND (conversion OR converted) AND carbohydrate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 11:38
S41	14	(transesterification OR alcoholysis) AND (alkoxide) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel OR diesel OR fuel) AND (conversion OR converted) AND carbohydrate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 11:40
S42	4	(transesterification OR alcoholysis) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel) AND (conversion OR converted) AND carbohydrate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 11:41
S43	4	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND (oleaginous OR (vegetable NEAR3 oil)) AND (biodiesel) AND (conversion OR converted) AND carbohydrate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 11:42
S44	1	("4303590").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/22 11:47
S46	147	seed SAME hull SAME carbohydrate	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 12:58
S45	37	seed AND hull AND carbohydrate AND (transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 12:58
S47	46	seed SAME hull SAME carbohydrate SAME (fermenting OR fermentation OR fermented OR cattle OR feed OR fertilizer)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 12:59

S28	322	transesterification AND (alkoxide) AND (oleaginous OR (vegetable ADJ oil))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 13:54
S48	3	transesterification AND (ethanoate) AND (oleaginous OR (vegetable ADJ oil))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 13:55
S53	0	((remov\$3 OR extract\$3) WITH hull WITH soybean) AND biodiesel	USPAT	OR	ON	2005/06/22 14:20
S52	413	(remov\$3 OR extract\$3) WITH hull WITH soybean	USPAT	OR	ON	2005/06/22 14:20
S51	784	(remov\$3 OR extract\$3) WITH hull WITH soybean	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:20
S50	875	(remov\$3 OR extract\$3) WITH hull SAME soybean	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:20
S54	7	((remov\$3 OR extract\$3) WITH hull WITH soybean) AND (diesel OR fuel)	USPAT	OR	ON	2005/06/22 14:21
S55	7	((remov\$3 OR extract\$3) WITH hull WITH soybean) AND (transesterification OR alcoholysis)	USPAT	OR	ON	2005/06/22 14:22
S58	10	S57 NOT S56	USPAT	OR	ON	2005/06/22 14:24
S57	16	((remov\$3 OR extract\$3) WITH (solid OR cake) SAME soybean) AND (transesterification OR alcoholysis)	USPAT	OR	ON	2005/06/22 14:24
S56	6	((remov\$3 OR extract\$3) WITH (solid OR cake) WITH soybean) AND (transesterification OR alcoholysis)	USPAT	OR	ON	2005/06/22 14:24
S49	19	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND ((sodium OR potassium) WITH ethanoate)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:34
S62	0	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) AND biodiesel	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:35
S61	490	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:35
S60	3118	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND ((sodium OR potassium) NEAR2 (ethanoate OR acetate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:35
S59	5458	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) AND ((sodium OR potassium) WITH (ethanoate OR acetate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:35
S63	12	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) SAME ((sodium OR potassium) NEAR2 (ethanoate OR acetate)) AND (diesel OR fuel)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:38
S64	249	(transesterification OR alcoholysis OR transesterify OR transesterified (trans ADJ esterification) OR (trans ADJ esterify) OR (trans ADJ esterified)) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate))	USPAT	OR	ON	2005/06/22 14:39
S67	0	(transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor AND seed)	USPAT	OR	ON	2005/06/22 14:52
S66	42	((transesterification OR alcoholysis) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate))) AND (diesel OR fuel OR petroleum OR gasoline)	USPAT	OR	ON	2005/06/22 14:52
S69	0	(transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:53

S68	0	(transesterification OR alcoholysis) SAME (sunflower AND colza AND soybean AND peanut AND castor AND seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:53
S71	1	(oleaginous NEAR5 seed) AND (sunflower AND colza AND soybean AND peanut AND castor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:56
S72	11	(sunflower AND colza AND soybean AND peanut AND castor AND seed)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:57
S73	5	sunflower AND colza AND soybean AND peanut AND castor AND seed AND (oleaginous OR oily)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 15:09
S76	27	carbohydrate SAME ferment\$5 SAME alcohol SAME recycl\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 15:10
S75	446	seed AND carbohydrate AND ferment\$5 AND alcohol AND recycl\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 15:10
S74	0	seed SAME carbohydrate SAME ferment\$5 SAME alcohol SAME recycl\$4	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 15:10
S77	83	(transesterification OR alcoholysis) SAME (alcohol WITH recycl\$5)	USPAT	OR	ON	2005/06/22 15:14
S65	240	(transesterification OR alcoholysis) SAME ((sodium OR potassium) ADJ (ethanoate OR acetate))	USPAT	OR	ON	2005/06/22 15:14
S78	15	((transesterification OR alcoholysis) SAME (alcohol WITH recycl\$5)) AND (diesel OR fuel)	USPAT	OR	ON	2005/06/22 15:34
S79	1	(transesterification OR alcoholysis) AND (((seed OR hull OR carbohydrate) SAME ferment\$5) SAME (ethanol OR (ethyl ADJ alcohol))))	USPAT	OR	ON	2005/06/22 15:35
S83	5	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:56
S82	4	biodiesel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:56
S81	3	biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:56
S4	3	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:56
S3	1	biodiesel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND ((anhydrous OR dry) NEAR3 alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:56
S2	1	biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkyl ADJ ester)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:56

S1	1	biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkaline ADJ alkoxide ADJ catalyst) AND (transesterification OR (trans ADJ esterification)) AND (alkyl ADJ ester) AND (glycerin OR glycerine) AND carbohydrate AND fermentation AND cattle AND fertilizer	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:56
S86	326	(44/307,308,401).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/30 07:57
S85	783	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:57
S84	133	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND (((alkyl OR methyl OR ethyl OR propyl OR butyl) ADJ ester) OR ((sodium OR potassium) ADJ ethanoate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:57
S11	319	(44/307,308,401).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/30 07:57
S10	38	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:57
S5	116	fuel AND ((sunflower OR colza OR soybean OR peanut OR castor) NEAR3 seed) AND (alcohol) AND (emulsion OR suspension) AND (((alkyl OR methyl OR ethyl OR propyl OR butyl) ADJ ester) OR ((sodium OR potassium) ADJ ethanoate))	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:57
S88	1415	(khalil OR leite).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 07:58
S13	503	(khalil OR leite).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 07:58
S89	0	(S84 OR S85) AND S88	USPAT	OR	ON	2005/12/30 08:00
S87	10	(S84 OR S85) AND S86	USPAT	OR	ON	2005/12/30 08:00
S90	648	(petroleo NEAR7 petrobras).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 08:05
S16	158	(petroleo NEAR7 petrobras).as.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 08:05
S92	5	(transesterification OR alcoholysis) AND (sunflower AND colza AND soybean AND peanut AND castor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 08:06

S91	5	biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND (S88 OR S90)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 08:06
S80	3	biodiesel AND ((oleaginous OR oily OR greasy OR oleophilic) NEAR3 seed) AND ((anhydrous OR dry) ADJ alcohol) AND (emulsion OR suspension) AND (alkaline ADJ alkoxide ADJ catalyst) AND (transesterification OR (trans ADJ esterification)) AND (alkyl ADJ ester) AND (glycerin OR glycerine) AND carbohydrate AND fermentation AND cattle AND fertilizer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 08:06
S70	4	(transesterification OR alcoholysis) AND (sunflower AND colza AND soybean AND peanut AND castor)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/30 08:06